## Claims

1. Multilayer planar or tubular food casing or film for food packagings such as, e.g., sausage casings, shrink bags etc., characterized by a layered structure having at least five, preferably at least seven layers, with one of the at least five layers containing PVA as a layer constituent.

2. Multilayer planar or tubular food casing or film for food packagings in accordance with Claim 1, characterized by the following layered structure when counted from the outside to the inside:

a)

- the first layer from the outside contains polyamide as a layer constituent,
- the second layer from the outside contains PVA as a layer constituent,
- the third layer from the outside contains an adhesion promoter as a layer constituent,
- the fourth layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,
- the fifth layer from the outside contains an adhesion promoter as a layer constituent, and
- the sixth layer from the outside contains polyamide as a layer constituent,

or b)

- the first layer from the outside contains polyamide as a layer constituent,
- the second layer from the outside contains PVA as a layer constituent,
- the third layer from the outside contains polyamide as a layer constituent,
- the fourth layer from the outside contains an adhesion promoter as a layer constituent,
- the fifth layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,
- the sixth layer from the outside contains an adhesion promoter as a layer constituent, and

- the seventh layer from the outside contains polyamide as a layer constituent,

or c)

- the first layer from the outside contains polyamide as a layer constituent,
- the second layer from the outside contains an adhesion promoter as a layer constituent,
- the third layer from the outside contains polyamide as a layer constituent,
- the fourth layer from the outside contains PVA as a layer constituent,
- the fifth layer from the outside contains polyamide as a layer constituent,
- the sixth layer from the outside contains an adhesion promoter as a layer constituent, and
- the seventh layer from the outside contains polyamide as a layer constituent.

**3.** Multilayer planar or tubular food casing or film for food packagings in accordance with Claim 1, characterized by the following layered structure when counted from the outside to the inside:

a)

- the first layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,
- the second layer from the outside contains an adhesion promoter as a layer constituent,
- the third layer from the outside contains polyamide as a layer constituent,
- the fourth layer from the outside contains PVA as a layer constituent,
- the fifth layer from the outside contains polyamide as a layer constituent,
- the sixth layer from the outside contains an adhesion promoter as a layer constituent, and
- the seventh layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,

or b)

- the first layer from the outside contains PET as a layer constituent,
- the second layer from the outside contains an adhesion promoter as a layer constituent,
- the third layer from the outside contains polyamide as a layer constituent,
- the fourth layer from the outside contains PVA as a layer constituent,
- the fifth layer from the outside contains polyamide as a layer constituent,
- the sixth layer from the outside contains an adhesion promoter as a layer constituent, and
- the seventh layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,

or c)

- the first layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent,
- the second layer from the outside contains EVA as a layer constituent,
- the third layer from the outside contains an adhesion promoter as a layer constituent,
- the fourth layer from the outside contains PVA as a layer constituent,
- the fifth layer from the outside contains an adhesion promoter as a layer constituent,
- the sixth layer from the outside contains EVA as a layer constituent, and
- the seventh layer from the outside contains a polyolefin, preferably polyethylene, as a layer constituent.

**4.** Food casing or film for food packagings in accordance with any one of Claims 1 to 3, characterized in that layers including a polyolefin, preferably polypropylene, as a layer constituent alternatively also contain additional polyolefins, polypropylene, EVA (ethyl vinyl alcohol), EM(M)A, ionomers, or mixtures of these, etc.

**5.** Food casing or film for food packagings in accordance with any one of Claims 1 to 4, characterized in that layers containing an adhesion promoter

include an adhesion promoter that is based on PE, EVA, EM(M)A or an ionomer as a base material.

**6.** Food casing or film for food packagings in accordance with any one of Claims 1 to 5, characterized in that layers including an adhesion promoter as a constituent alternatively contain a mixture of polyolefin and adhesion promoter or a mixture of EVA and/or EM(M)A and adhesion promoter.

**7.** Food casing or film for food packagings in accordance with any one of Claims 1 to 6, characterized in that layers including PVA as a layer constituent alternatively contain MXD6 (modified polyamide 6).

**8.** Food casing or film for food packagings in accordance with any one of Claims 1 to 7, characterized in that layers including polyamide as a layer constituent alternatively contain an ionomer.

**9.** Food casing or film for food packagings in accordance with any one of Claims 1 to 8, characterized in that layers including polyamide as a layer constituent alternatively contain MXD6.

**10.** Food casing or film for food packagings in accordance with any one of Claims 1 to 9, characterized in that layers including polyamide as a layer constituent contain polycaprolactame (PA 6), polyhexamethylene adipinamide (PA 66), PA 6/66, PA 11, PA 12, or mixtures of these polyamides etc.